

ABSTRACT

Bifunctional molecules comprising two hsp-binding moieties which bind to hsp90 in the pocket to which ansamycin antibiotics bind connected via a linker are effective for inducing the degradation and/or inhibition of HER-family tyrosine kinases. For example, a compound of two geldanamycin moieties joined by a four-carbon linker provides selective degradation of HER-family tyrosine kinases, without substantially affecting other kinases. These compounds can be used for treatment of HER-positive cancers with reduced toxicity, since these compounds potentially kill cancer cells but affect fewer proteins than geldanamycin.

1. *Introduction*
 2. *Background*
 3. *Methodology*
 4. *Results*
 5. *Discussion*
 6. *Conclusion*
 7. *References*
 8. *Appendix*
 9. *Index*
 10. *Table of Contents*
 11. *Abstract*
 12. *Keywords*
 13. *Subject Headings*
 14. *Summary*
 15. *Notes*
 16. *References*
 17. *Appendix*
 18. *Index*
 19. *Table of Contents*
 20. *Abstract*
 21. *Keywords*
 22. *Subject Headings*
 23. *Summary*
 24. *Notes*
 25. *References*
 26. *Appendix*
 27. *Index*
 28. *Table of Contents*
 29. *Abstract*
 30. *Keywords*
 31. *Subject Headings*
 32. *Summary*
 33. *Notes*
 34. *References*
 35. *Appendix*
 36. *Index*
 37. *Table of Contents*
 38. *Abstract*
 39. *Keywords*
 40. *Subject Headings*
 41. *Summary*
 42. *Notes*
 43. *References*
 44. *Appendix*
 45. *Index*
 46. *Table of Contents*
 47. *Abstract*
 48. *Keywords*
 49. *Subject Headings*
 50. *Summary*
 51. *Notes*
 52. *References*
 53. *Appendix*
 54. *Index*
 55. *Table of Contents*
 56. *Abstract*
 57. *Keywords*
 58. *Subject Headings*
 59. *Summary*
 60. *Notes*
 61. *References*
 62. *Appendix*
 63. *Index*
 64. *Table of Contents*
 65. *Abstract*
 66. *Keywords*
 67. *Subject Headings*
 68. *Summary*
 69. *Notes*
 70. *References*
 71. *Appendix*
 72. *Index*
 73. *Table of Contents*
 74. *Abstract*
 75. *Keywords*
 76. *Subject Headings*
 77. *Summary*
 78. *Notes*
 79. *References*
 80. *Appendix*
 81. *Index*
 82. *Table of Contents*
 83. *Abstract*
 84. *Keywords*
 85. *Subject Headings*
 86. *Summary*
 87. *Notes*
 88. *References*
 89. *Appendix*
 90. *Index*
 91. *Table of Contents*
 92. *Abstract*
 93. *Keywords*
 94. *Subject Headings*
 95. *Summary*
 96. *Notes*
 97. *References*
 98. *Appendix*
 99. *Index*
 100. *Table of Contents*
 101. *Abstract*
 102. *Keywords*
 103. *Subject Headings*
 104. *Summary*
 105. *Notes*
 106. *References*
 107. *Appendix*
 108. *Index*
 109. *Table of Contents*
 110. *Abstract*
 111. *Keywords*
 112. *Subject Headings*
 113. *Summary*
 114. *Notes*
 115. *References*
 116. *Appendix*
 117. *Index*
 118. *Table of Contents*
 119. *Abstract*
 120. *Keywords*
 121. *Subject Headings*
 122. *Summary*
 123. *Notes*
 124. *References*
 125. *Appendix*
 126. *Index*
 127. *Table of Contents*
 128. *Abstract*
 129. *Keywords*
 130. *Subject Headings*
 131. *Summary*
 132. *Notes*
 133. *References*
 134. *Appendix*
 135. *Index*
 136. *Table of Contents*
 137. *Abstract*
 138. *Keywords*
 139. *Subject Headings*
 140. *Summary*
 141. *Notes*
 142. *References*
 143. *Appendix*
 144. *Index*
 145. *Table of Contents*
 146. *Abstract*
 147. *Keywords*
 148. *Subject Headings*
 149. *Summary*
 150. *Notes*
 151. *References*
 152. *Appendix*
 153. *Index*
 154. *Table of Contents*
 155. *Abstract*
 156. *Keywords*
 157. *Subject Headings*
 158. *Summary*
 159. *Notes*
 160. *References*
 161. *Appendix*
 162. *Index*
 163. *Table of Contents*
 164. *Abstract*
 165. *Keywords*
 166. *Subject Headings*
 167. *Summary*
 168. *Notes*
 169. *References*
 170. *Appendix*
 171. *Index*
 172. *Table of Contents*
 173. *Abstract*
 174. *Keywords*
 175. *Subject Headings*
 176. *Summary*
 177. *Notes*
 178. *References*
 179. *Appendix*
 180. *Index*
 181. *Table of Contents*
 182. *Abstract*
 183. *Keywords*
 184. *Subject Headings*
 185. *Summary*
 186. *Notes*
 187. *References*
 188. *Appendix*
 189. *Index*
 190. *Table of Contents*
 191. *Abstract*
 192. *Keywords*
 193. *Subject Headings*
 194. *Summary*
 195. *Notes*
 196. *References*
 197. *Appendix*
 198. *Index*
 199. *Table of Contents*
 200. *Abstract*
 201. *Keywords*
 202. *Subject Headings*
 203. *Summary*
 204. *Notes*
 205. *References*
 206. *Appendix*
 207. *Index*
 208. *Table of Contents*
 209. *Abstract*
 210. *Keywords*
 211. *Subject Headings*
 212. *Summary*
 213. *Notes*
 214. *References*
 215. *Appendix*
 216. *Index*
 217. *Table of Contents*
 218. *Abstract*
 219. *Keywords*
 220. *Subject Headings*
 221. *Summary*
 222. *Notes*
 223. *References*
 224. *Appendix*
 225. *Index*
 226. *Table of Contents*
 227. *Abstract*
 228. *Keywords*
 229. *Subject Headings*
 230. *Summary*
 231. *Notes*
 232. *References*
 233. *Appendix*
 234. *Index*
 235. *Table of Contents*
 236. *Abstract*
 237. *Keywords*
 238. *Subject Headings*
 239. *Summary*
 240. *Notes*
 241. *References*
 242. *Appendix*
 243. *Index*
 244. *Table of Contents*
 245. *Abstract*
 246. *Keywords*
 247. *Subject Headings*
 248. *Summary*
 249. *Notes*
 250. *References*
 251. *Appendix*
 252. *Index*
 253. *Table of Contents*
 254. *Abstract*